

Table 5-15
Summary of Impacts and Benefits for the San Joaquin River Region

CALFED Program	Impact Category	Impact/ Benefit	No Action Alternative	Alternative 1			Alternative 2			Alternative 3				
				A	B	C	A	B	D	E	A	B	E	H
Ecosystem Restoration, Water Quality, Water Use Efficiency, Levee System Integrity	Habitat Area and Associated Wildlife	Impact 4.1	Temporary loss or disturbance of wetland and riparian communities	-	-	-	-	-	-	-	-	-	-	-
		Impact 4.2	Permanent loss of wetland and riparian communities	--	--	--	--	--	--	--	--	--	--	--
		Impact 4.3	Permanent loss of wintering waterfowl foraging habitat											
		Impact 4.4	Decrease in important deer and elk use areas	0	0	0	0	0	0	0	0	0	0	0
		Impact 4.5	Decrease in important wildlife habitats	0	0	0	0	0	0	0	0	0	0	0
		Benefit 4.1	Increase in open-water communities	0	0	0	0	0	0	0	0	0	0	0
		Benefit 4.2	Increase in riparian communities	++	++	++	++	++	++	++	++	++	++	++
	Habitat Quality and Pattern	Impact 4.6	Reduction in quality of wetland and riparian communities	0	0	0	0	0	0	0	0	0	0	0
		Benefit 4.3	Improved riparian habitat quality	++	++	++	++	++	++	++	++	++	++	++
		Benefit 4.4	Improved habitat patterns	++	++	++	++	++	++	++	++	++	++	++
		Benefit 4.5	Improved connectivity of riparian habitat	++	++	++	++	++	++	++	++	++	++	++
	Special-Status Species and Communities	Impact 4.7	Loss of foraging habitat for special-status species	-	-	-	-	-	-	-	-	-	-	-
		Impact 4.8	Loss of portions of rare natural communities and significant natural areas	0	0	0	0	0	0	0	0	0	0	0
		Benefit 4.6	Increase in habitats for special-status species	++	++	++	++	++	++	++	++	++	++	++
		Benefit 4.7	Expansion of rare natural communities and significant natural areas	++	++	++	++	++	++	++	++	++	++	++
Conveyance	Habitat Area and Associated Wildlife	Impact 4.1	Temporary loss or disturbance of wetland and riparian communities	0	0	0	0	0	0	0	0	0	0	0
		Impact 4.2	Permanent loss of wetland and riparian communities	0	0	0	0	0	0	0	0	0	0	0
		Impact 4.4	Decrease in important deer and elk use areas	0	0	0	0	0	0	0	0	0	0	0
		Impact 4.5	Decrease in important wildlife habitats	0	0	0	0	0	0	0	0	0	0	0
		Benefit 4.1	Increase in open-water communities	0	0	0	0	0	0	0	0	0	0	0
		Benefit 4.2	Increase in riparian communities	0	0	0	0	0	0	0	0	0	0	0
	Habitat Quality and Pattern	Impact 4.6	Reduction in quality of wetland and riparian communities	0	0	0	0	0	0	0	0	0	0	0
		Benefit 4.3	Improved riparian habitat quality	0	0	0	0	0	0	0	0	0	0	0
		Benefit 4.4	Improved habitat patterns	0	0	0	0	0	0	0	0	0	0	0
		Benefit 4.5	Improved connectivity of riparian habitat	0	0	0	0	0	0	0	0	0	0	0

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CALFED Program	Impact Category	Impact/Benefit	No Action Alternative	Alternative 1					Alternative 2					Alternative 3					
				A	B	C	A	B	D	E	A	B	E	H	I				
Convoyage (continued)																			
Storage	Habitat Area and Associated Wildlife	Impact 4.1	Temporary loss of disturbance of wetland and riparian communitie	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		Impact 4.2	Permanent loss of wetland and riparian	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Impact 4.3	Decrease in important deer and elk use areas	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Impact 4.4	Decrease in important wildlife habitats	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Impact 4.5	Decrease in open-water habitats	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Impact 4.6	Decrease in waterfowl habitat quality	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Habitat Quality and Habitat	Impact 4.7	Reduction in quality of wetland and riparian communitie	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Impact 4.8	Decrease in open-water habitats	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Impact 4.9	Decrease in waterfowl habitat quality	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Habitat Quality and Habitat	Benefit 4.1	Increase in open-water communitie	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Benefit 4.2	Increase in riparian communitie	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Benefit 4.3	Improved riparian habitat quality	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Benefit 4.4	Improved habitat patterns	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Benefit 4.5	Improved connectivity of riparian habitat	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Benefit 4.6	Permanent loss of wintering wetland foraging habitat	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Benefit 4.7	Expansion of rare natural communitie and significant natural areas	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Special-Status Species and Communitie	Impact 4.7	Permanent loss of wintering wetland foraging habitat	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Impact 4.8	Increase in habitats for special-status species	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Benefit 4.6	Increase in habitats for special-status species	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Benefit 4.7	Expansion of rare natural communitie and significant natural areas	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Special-Status Species and Communitie	Impact 4.7	Significant loss of wintering wetland foraging habitat	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Impact 4.8	Significant loss of rare natural communitie and significant natural areas	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Benefit 4.7	Increase in rare natural communitie and significant natural areas	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Benefit 4.8	Increase in habitats for special-status species	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table 5-15 (concluded)